

## EAST Search History

| Ref # | Hits   | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|-----------------|------------------|---------|------------------|
| L1    | 48774  | (handheld or hand adj held) and (motion or orientation or accelerometer) | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:59 |
| L2    | 21716  | l1 and environment\$2  | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:25 |
| L3    | 33579  | environment\$2 same (motion or orientation)                              | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:59 |
| L4    | 5970   | environment\$2 same (motion or orientation) same application             | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:25 |
| L5    | 898    | (handheld or hand adj held) and l4                                       | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:26 |
| L6    | 66     | l5 and 345/156-158.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:59 |
| L7    | 229356 | (still or face adj (down or up)) same (sens\$3 or detect\$3)             | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:41 |
| L8    | 13807  | (handheld or hand adj held) and l7                                       | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:41 |
| L9    | 936    | (handheld or hand adj held) same l7                                      | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:44 |
| L10   | 57     | l9 and 345/156-158.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:44 |
| L11   | 1974   | (face adj (down or up)) same (sens\$3 or detect\$3)                      | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:41 |
| L12   | 24     | (handheld or hand adj held) same 11                                      | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:42 |
| L13   | 125    | (handheld or hand adj held) same power adj down                          | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:46 |
| L14   | 16     | l13 and 345/156-158.ccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:47 |
| L15   | 275    | (motion or orientation) same power adj down                              | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:46 |
| L16   | 20     | l15 and 345/156-158.ccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:47 |
| L17   | 4693   | environment\$2 same (motion or orientation) same operation               | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:59 |
| L18   | 605    | (handheld or hand adj held) and l17                                      | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 11:59 |
| L19   | 45     | l18 and 345/156-158.ccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 12:27 |
| L20   | 9      | l18 and 715/856-864.ccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/09/18 14:43 |

## EAST Search History

|     |     |   |                      |    |     |                  |
|-----|-----|---|----------------------|----|-----|------------------|
| L21 | 0   | (environmen and motion and orientation and application).clm.                            | US-PGPUB             | OR | OFF | 2006/09/18 14:45 |
| L22 | 5   | (environmental and motion and orientation and application).clm.                         | US-PGPUB             | OR | ON  | 2006/09/18 14:47 |
| L23 | 339 | (environment\$2 and (motion or orientation) and application).clm.                       | US-PGPUB             | OR | ON  | 2006/09/18 14:47 |
| L24 | 66  | (environment\$2 and (motion or orientation) and application and gravity).clm.           | US-PGPUB             | OR | ON  | 2006/09/18 14:48 |
| L25 | 1   | (environment\$2 adj state and (motion or orientation) and application and gravity).clm. | US-PGPUB             | OR | ON  | 2006/09/18 14:48 |
| L26 | 2   | (environment\$2 and state and (motion or orientation) and application and gravity).clm. | US-PGPUB             | OR | ON  | 2006/09/18 14:48 |
| S1  | 0   | "20050212766"   | USPAT                | OR | OFF | 2006/09/01 11:35 |
| S2  | 1   | "20050212766"   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 13:41 |
| S3  | 1   | "20050212766" and opposite  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 14:33 |
| S4  | 2   | "200186920"   | EPO; JPO;<br>DERWENT | OR | OFF | 2006/09/01 16:13 |
| S5  | 0   | "2004027330"  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 15:31 |
| S6  | 1   | "20040027330"   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 16:14 |
| S7  | 0   | "2002190947"  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 15:32 |
| S8  | 1   | "20020190947"   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 16:14 |
| S9  | 860 | 345/158.ccls.   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/11 15:31 |
| S10 | 0   | "200186920" and cursor  | EPO; JPO;<br>DERWENT | OR | OFF | 2006/09/01 16:13 |
| S11 | 0   | "20040027330" and cursor  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 16:14 |
| S12 | 0   | "20020190947" and cursor  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 16:14 |
| S13 | 61  | S9 and cursor same opposite   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 16:32 |
| S14 | 61  | S9 and cursor same opposite   | US-PGPUB;<br>USPAT   | OR | ON  | 2006/09/01 16:22 |
| S15 | 510 | S9 and cursor   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/09/01 16:32 |

## EAST Search History

|     |     |   |                 |    |     |                  |
|-----|-----|---|-----------------|----|-----|------------------|
| S16 | 138 | S15 and (handheld or hand adj held) and (motion or accelerometer)           | US-PGPUB; USPAT | OR | OFF | 2006/09/08 10:54 |
| S17 | 146 | S15 and (handheld or hand adj held) and (motion or accelerometer)           | US-PGPUB; USPAT | OR | ON  | 2006/09/11 10:11 |
| S18 | 124 | S17 not S14   | US-PGPUB; USPAT | OR | ON  | 2006/09/01 16:33 |
| S19 | 469 | 345/156.ccls. and (handheld or hand adj held) and (motion or accelerometer) | US-PGPUB; USPAT | OR | OFF | 2006/09/01 17:15 |
| S20 | 432 | S19 not S17   | US-PGPUB; USPAT | OR | OFF | 2006/09/01 17:07 |
| S21 | 330 | S20 and (tilt or rotat\$3)  | US-PGPUB; USPAT | OR | ON  | 2006/09/01 17:07 |
| S22 | 1   | "20030038778"   | US-PGPUB; USPAT | OR | OFF | 2006/09/01 17:08 |
| S23 | 171 | 345/157.ccls. and (handheld or hand adj held) and (motion or accelerometer) | US-PGPUB; USPAT | OR | OFF | 2006/09/01 17:15 |
| S24 | 137 | S23 not S17   | US-PGPUB; USPAT | OR | OFF | 2006/09/01 17:15 |
| S25 | 617 | threshold same zoom   | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:09 |
| S26 | 43  | S25 and (handheld or hand adj held) and (motion or accelerometer)           | US-PGPUB; USPAT | OR | OFF | 2006/09/18 11:24 |
| S27 | 11  | S26 and "345"/\$.ccls.  | US-PGPUB; USPAT | OR | OFF | 2006/09/05 13:10 |
| S28 | 638 | liang-r\$.xp.   | US-PGPUB; USPAT | OR | OFF | 2006/09/05 13:37 |
| S29 | 36  | S28 and cursor and scroll\$3  | US-PGPUB; USPAT | OR | OFF | 2006/09/05 13:37 |
| S30 | 144 | liang-r\$.xa.   | US-PGPUB; USPAT | OR | OFF | 2006/09/05 13:37 |
| S31 | 5   | S30 and cursor and scroll\$3  | US-PGPUB; USPAT | OR | OFF | 2006/09/05 13:46 |
| S32 | 18  | reduc\$3 with vector same cursor with maintain\$3                           | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:54 |
| S33 | 775 | cursor near5 maintain\$3  | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:48 |
| S34 | 43  | S33 same reduc\$3   | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:48 |
| S35 | 25  | S34 not S32   | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:48 |

## EAST Search History

|     |        |   |                 |    |     |                  |
|-----|--------|---|-----------------|----|-----|------------------|
| S36 | 508353 | reduc\$3 near5 vector or magnitude                                | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:54 |
| S37 | 35413  | reduc\$3 near5 (vector or magnitude)                              | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:54 |
| S38 | 24     | reduc\$3 near5 (vector or magnitude) near5 cursor                 | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:56 |
| S39 | 1162   | speed near5 cursor  | US-PGPUB; USPAT | OR | ON  | 2006/09/05 13:56 |
| S40 | 11     | speed near5 cursor same magnitude near3 vector                    | US-PGPUB; USPAT | OR | ON  | 2006/09/05 14:22 |
| S41 | 54     | reduc\$3 with speed near5 cursor                                  | US-PGPUB; USPAT | OR | ON  | 2006/09/05 14:22 |
| S42 | 53     | grid adj section same display                                     | US-PGPUB; USPAT | OR | ON  | 2006/09/05 15:53 |
| S43 | 4713   | 345/156-158.ccls.   | US-PGPUB; USPAT | OR | ON  | 2006/09/05 15:54 |
| S44 | 6      | S43 and grid near2 section  | US-PGPUB; USPAT | OR | ON  | 2006/09/05 15:55 |
| S45 | 88     | S43 and grid near2 display\$3                                     | US-PGPUB; USPAT | OR | ON  | 2006/09/05 16:12 |
| S46 | 1      | "5408582".PN.   | USPAT; USOCR    | OR | OFF | 2006/09/05 16:10 |
| S47 | 1      | "5386494".PN.   | USPAT; USOCR    | OR | OFF | 2006/09/05 16:11 |
| S48 | 1      | "5377303".PN.   | USPAT; USOCR    | OR | OFF | 2006/09/05 16:11 |
| S49 | 1      | "4811243".PN.   | USPAT; USOCR    | OR | OFF | 2006/09/05 16:11 |
| S50 | 1      | "4776016".PN.   | USPAT; USOCR    | OR | OFF | 2006/09/05 16:11 |
| S51 | 1      | "4726065".PN.   | USPAT; USOCR    | OR | OFF | 2006/09/05 16:11 |
| S52 | 1      | "4677569".PN.   | USPAT; USOCR    | OR | OFF | 2006/09/05 16:11 |
| S53 | 6318   | gesture   | US-PGPUB; USPAT | OR | ON  | 2006/09/05 16:12 |
| S54 | 501    | S43 and S53   | US-PGPUB; USPAT | OR | ON  | 2006/09/05 16:12 |
| S55 | 185    | S54 and (handheld or hand adj held) and (motion or accelerometer) | US-PGPUB; USPAT | OR | ON  | 2006/09/05 16:12 |

## EAST Search History

|     |      |   |                    |    |     |                  |
|-----|------|---|--------------------|----|-----|------------------|
| S56 | 15   | ("4812831" "5112785" "5142655"<br>"5506605" "5543588" "5602566"<br>"5734371" "6008810" "6057554"<br>"6088023" "6121960" "6184847"<br>"6201554" "6245014" "6466198").<br>pn. | USPAT              | OR | OFF | 2006/09/08 09:48 |
| S57 | 289  | 715/864.ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/08 14:13 |
| S58 | 37   | S57 and (handheld or hand adj<br>held) and (motion or<br>accelerometer)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 10:57 |
| S59 | 32   | 715/856.ccls. and (handheld or<br>hand adj held) and (motion or<br>accelerometer)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 10:58 |
| S60 | 32   | S59 not S58   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 10:57 |
| S61 | 5    | 715/857.ccls. and (handheld or<br>hand adj held) and (motion or<br>accelerometer)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 11:01 |
| S62 | 1    | S61 and grid  | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 11:00 |
| S63 | 58   | 715/863.ccls. and (handheld or<br>hand adj held) and (motion or<br>accelerometer)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 11:01 |
| S64 | 57   | S63 not S60   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 11:01 |
| S65 | 57   | S64 not S59   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 11:01 |
| S66 | 863  | 345/158.ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/08 14:13 |
| S67 | 2    | S66 and (accelerometer same tilt<br>same camera)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/08 14:14 |
| S68 | 2    | S66 and (accelerometer same tilt<br>same camera)  | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 14:20 |
| S69 | 33   | S66 and (accelerometer or tilt)<br>same camera  | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 14:20 |
| S70 | 59   | accelerometer same tilt same<br>camera  | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/08 15:09 |
| S71 | 4233 | motion same stabilization   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 09:02 |
| S72 | 19   | S71 and 345/156-158.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 10:11 |
| S73 | 4    | S71 and 715/856-864.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 10:13 |

## EAST Search History

|     |       |   |                   |    |     |                  |
|-----|-------|---|-------------------|----|-----|------------------|
| S74 | 235   | signature same (motion or track\$3) near3 (mov\$3 or movement)              | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:08 |
| S75 | 39    | S74 and authorization   | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 09:49 |
| S76 | 36    | gesture near2 signature   | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:01 |
| S77 | 441   | spatial near signature  | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:01 |
| S78 | 14    | S77 and authorization   | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:01 |
| S79 | 1     | signature same gesture same (motion or track\$3) near3 (mov\$3 or movement) | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:08 |
| S80 | 2429  | signature and (handheld or hand adj held) and (motion or accelerometer)     | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:33 |
| S81 | 194   | signature same (handheld or hand adj held) and (motion or accelerometer)    | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:11 |
| S82 | 21    | S81 and 345/156-158.ccls.   | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:11 |
| S83 | 3     | S81 and 715/856-864.ccls.   | US-PGPUB; USPAT   | OR | ON  | 2006/09/11 10:13 |
| S84 | 8     | signature and (handheld or hand adj held) and (motion or accelerometer)     | EPO; JPO; DERWENT | OR | ON  | 2006/09/11 11:45 |
| S85 | 3634  | (handheld or hand-held and motion and spatial adj signature). clm.          | US-PGPUB          | OR | OFF | 2006/09/11 11:46 |
| S86 | 1     | ((handheld or hand-held) and motion and spatial adj signature). clm.        | US-PGPUB          | OR | OFF | 2006/09/11 11:47 |
| S87 | 1     | ((handheld or hand-held) and motion and authorization and signature).clm.   | US-PGPUB          | OR | OFF | 2006/09/11 11:47 |
| S88 | 1     | (motion and authorization and spatial adj signature).clm.                   | US-PGPUB          | OR | OFF | 2006/09/11 11:47 |
| S89 | 13431 | remote and (handheld or hand adj held) and (motion or accelerometer)        | US-PGPUB; USPAT   | OR | OFF | 2006/09/11 16:00 |
| S90 | 124   | 345/158.ccls. and S89   | US-PGPUB; USPAT   | OR | OFF | 2006/09/11 16:00 |
| S91 | 1     | "6072467".pn.   | US-PGPUB; USPAT   | OR | OFF | 2006/09/11 15:46 |

## EAST Search History

|          |      |   |                    |    |     |                  |
|----------|------|---|--------------------|----|-----|------------------|
| S92      | 1    | "5682501".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:46 |
| S93      | 1    | "5616078".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:46 |
| S94      | 1    | "5603065".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:46 |
| S95      | 1    | "5497373".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:46 |
| S96      | 1    | "5491497".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:46 |
| S97      | 1    | "5444462".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:46 |
| S98      | 1    | "5363120".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:46 |
| S99      | 1    | "5297061".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:47 |
| S10<br>0 | 1    | "5262777".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:47 |
| S10<br>1 | 1    | "4975957".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:47 |
| S10<br>2 | 1    | "4925189".PN.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:47 |
| S10<br>3 | 51   | "4925189".uref.   | USPAT;<br>USOCR    | OR | OFF | 2006/09/11 15:47 |
| S10<br>4 | 59   | 348/734.ccls. and S89                                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/11 15:55 |
| S10<br>5 | 3367 | remote adj control\$3 same<br>(motion or accelerometer) | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/11 16:00 |
| S10<br>6 | 47   | 345/158.ccls. and S105                                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/11 16:31 |
| S10<br>7 | 1    | "5598187".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/09/11 16:31 |
| S10<br>8 | 0    | S107 and accelerometer                                  | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 16:33 |
| S10<br>9 | 0    | "5554980".pn. and accelerometer                         | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 16:33 |
| S11<br>0 | 0    | presision same gesture                                  | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 17:24 |
| S11<br>1 | 96   | precision same gesture                                  | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 17:24 |
| S11<br>2 | 11   | S111 and 715/863.ccls.                                  | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 17:40 |
| S11<br>3 | 57   | S111 and "345"/\$.ccls.                                 | US-PGPUB;<br>USPAT | OR | ON  | 2006/09/11 17:40 |